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AMENDED CLAIMS

[Received by the International Bureau on 03 June 2005 (03/06/05);
original claims 1 to 12 replaced by new claims 1 to 11]

1. Device for treating breathing problems, comprising a
shaped part (2) fitting onto the teeth of the lower jaw, a
5 shaped part (1) fitting onto the teeth of the upper jaw, and
adjustable connecting means between the upper and lower
shaped part for forward/backward (P2) and upward/downward
(P1) adjustment of the upper shaped part relative to the
lower shaped part, wherein one of the shaped parts is
10 provided at the front with a slide mechanism consisting of a
slide element (8) which is slidable laterally to a limited
extent along a guide element (9), and that the adjustable
connecting means are fixedly connected to the other shaped
part on one side and to the slide element (8) on the other,
15 characterized in that the adjustable connecting means
comprise a horizontal adjusting screw (6) for
forward/backward (P2) adjustment of the one shaped part
relative to the other, which horizontal adjusting screw co-
acts on one outer end with a threaded passage (7) mounted on
20 the slide element (8), said screw being connected by means of
a connecting piece (14) with the adjustable connection means
for the upward/downward adjustment.

2. Device as claimed in claim 1, characterized in that
the dimensions of the guide element (9) and the slide element
25 (8) are closely-sized transversely of the guiding direction.

3. Device as claimed in either of the foregoing claims,
characterized in that the guide element is a rod mounted
between two points of the one shaped part, and the slide
element is a hollow tube slidable around this rod.

30 4. Device as claimed in any of the foregoing claims,
characterized in that the length of the hollow tube is chosen
as a function of the desired maximum lateral displacement.

5. Device as claimed in claim 4, characterized in that

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the slide element can be snapped onto the guide element.

6. Device as claimed in any of the foregoing claims, characterized in that the adjustable connecting means comprise a substantially vertical adjusting screw (4) with double screw thread for upward/downward adjustment (P1) of the upper shaped part relative to the lower shaped part, which adjusting screw co-acts on one outer end with a first threaded bore (13) connected via the connecting piece (14) to the slide element, and which co-acts on its other outer end with a second threaded (13') bore provided on the front side of the other shaped part, wherein a rotation of the adjusting screw changes the distance between the lower and upper threaded bores.

7. Device as claimed in claim 6, characterized in that the adjusting screw (4) is provided substantially in the middle with an encircling flange (15) with radially directed openings (10) in which a rod (12) fits for the purpose of turning the adjusting screw through rotation of the rod.

8. Device as claimed in claim 6 or 7, characterized in that the vertical adjusting screw is enclosed on both sides by telescopically acting tubes (15, 16).

9. Device as claimed in any of the claims 1-5, characterized in that the adjustable connecting means comprise a substantially vertical adjusting screw and a threaded bore co-acting therewith for the upward/downward adjustment of the upper shaped part relative to the lower shaped part.

10. Device as claimed in any of the claims 6-8, characterized in that the horizontal adjusting screw is provided on its other outer end with a screw head (11), and that the connecting piece (8) is provided with a horizontally oriented hole through which the horizontal adjusting screw extends.

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11. Device as claimed in any of the foregoing claims, characterized in that the adjustable connecting means are at least partially received in a housing which is rounded on the outside.

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